National Phase of PCT/SE99/02291 Inventor(s): Michael Holmström Page 3

- Device according to claim 1, characterised in that the discharge aperture has a discharge area equal to about 10 20 % of a corresponding uninterrupted discharge aperture.
- 4. Device according to claim 2, characterised in that said holes are circular.
- 5. Method for spray extrusion by means of a pressurised source of coating material connected to a nozzle for spraying the material onto an object, characterised in that a raised pressure is created in the nozzle by means of a discharge aperture in the form of a pattern of holes, causing the material to be to be discharged from the nozzle in separate strings from each hole with a relatively high discharge velocity whereby the material strings will hit the object individually, to subsequently fuse together thereon into a flat, continuous strip of material.
- 6. Method according to claim 5, characterised in that said holes are arranged in a row.
- 7. Method according to claim 6, characterised in that the discharge aperture has a discharge area equal to about 10 20 % of a corresponding uninterrupted discharge aperture.
- 8. Method according to claim 7, characterised in that said holes are circular.

Please add the following new claims:

A nozzle for discharging a low viscosity coating wherein the nozzle comprises a connector, a body, and a tip with the tip having a plurality of pairs of coating discharge holes arranged in a line with adjacent coating discharge holes spaced apart such that a stream of the coating is discharged from each coating discharge hole that is separate from the stream of the coating that is discharged from everyother coating discharge hole.

By

National Phase of PCT/SE99/02291 Inventor(s): Michael Holmström Page 4

- The nozzle according to claim 9 wherein the plurality of pairs of coating discharge holes collectively define a discharge opening having a discharge area that lies within 10% to 20% of a corresponding, uninterrupted discharge opening.
- A nozzle for discharging a low viscosity coating wherein the nozzle comprises a connector, a body, and a tip with the tip having a plurality of pairs of round coating discharge holes arranged in a line with adjacent coating discharge holes spaced apart such that a stream of the coating is discharged from each coating discharge hole that is separate from the stream of the coating that is discharged from every other coating discharge hole, and wherein the plurality of pairs of coating discharge holes collectively define a discharge aperture having a discharge area that lies within 10% to 20% of a corresponding, uninterrupted discharge aperture.